

PATENT
Docket No. 235.0004 0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Przybyla et al.) Group Art Unit: Unknown
Serial No.: Unknown (Int'l. Application) Examiner: Unknown
No. PCT /US99/31176)
Filed: On Even Date Herewith)
(Int'l. Filing Date 12/29/99))
For: RUBREDOXIN FUSION PROTEINS, PROTEIN EXPRESSION SYSTEM
AND METHODS

P. C. Mendt
4/A
M/W

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Attn: Box PCT
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

In The Specification

Please replace the paragraph at page 2, line 3 to line 28, with the following rewritten paragraph. Per 37 C.F.R §1.121, this paragraph is also shown in Appendix A, with notations to indicate the changes made.

Some of the strategies employed to overcome the problems of protein stability and solubility in *E. coli* include the use of fusion partners such as maltose binding protein (31 kD) (Ausebel, F.M. et al. (Eds) *Current Protocols in Molecular Biology*, Greene Associates/Wiley Interscience, N.Y. (1990)), thioredoxin (U.S. Pat. No. 5,646,016, issued Jul. 8, 1997; U.S. Pat. No. 5,270,181, issued Dec. 14, 1993; U.S. Pat. No. 5,292,646, issued Mar. 8, 1994) and glutathione-S-transferase (28kD) (D. Smith et al., *Gene* 67: 31-40 (1988); U.S.